

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050074551").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 11:52
S2	3	(mono\$1layer nano\$1particle) and metal and (capture with coat\$4) and shield\$4	US-PGPUB; USPAT	ADJ	ON	2006/06/26 11:56
S6	4	((("6074979") or ("20020034827") or ("20030157260") or ("6521285"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/27 09:29
S7	26	(nano\$1particle or nano\$cluster) and (gold or silver or platinum or palladium or iridium or rhodium or osmium or iron or copper or cobalt) and (peptide or protein or nucleic acid or collagen or nano\$1rod or nano\$1tube or nano\$plane or nano\$1fiber) and (tiopronin or glutathione) and (dimethyl sulfoxide or tetrahydrofuran or dimethylformamide or dioxane or acetone) and (water or acetic) and (sodium borohydride or sodium tetrahydroborate or lithium triethylborohydride or hydrogen peroxide) and (ethylene glycol or tetraethylene glycol thiol or diethylene glycol thiol)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:33
S8	1002153	gold or silver or platinum or palladium or iridium or rhodium or osmium or iron or copper or cobalt	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:42
S9	33358	peptide or protein or nucleic acid or collagen or nano\$1rod or nano\$1tube or nano\$plane or nano\$1fiber) and (tiopronin or glutathione	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:33

## EAST Search History

S10	26	(nano\$particle or nano\$cluster) and (gold or silver or platinum or palladium or iridium or rhodium or osmium or iron or copper or cobalt) and (tiopronin or glutathione) and (dimethyl sulfoxide or tetrahydrofuran or dimethylformamide or dioxane or acetone) and (water or acetic) and (sodium borohydride or sodium tetrahydroborate or lithium triethylborohydride or hydrogen peroxide) and (ethylene glycol or tetraethylene glycol thiol or diethylene glycol thiol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:38
S11	34774	tiopronin or glutathione	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:39
S12	345711	dimethyl sulfoxide or tetrahydrofuran or dimethylformamide or dioxane or acetone	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:39
S13	119154	sodium borohydride or sodium tetrahydroborate or lithium triethylborohydride or hydrogen peroxide	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:39
S14	161360	ethylene glycol or tetraethylene glycol thiol or diethylene glycol thiol	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:29
S15	1470518	water or acetic	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:40
S16	190764	nano\$	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:42
S17	292	S8 and S11 and S12 and S13 and S14 and S15 and S16	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:43
S18	178	gold and S11 and S12 and S13 and S14 and S15 and S16	US-PGPUB; USPAT	ADJ	ON	2006/06/26 14:44
S19	7	gold and tiopronin and S12 and S13 and S14 and S15 and S16	US-PGPUB; USPAT	ADJ	ON	2006/06/26 15:08
S20	7	gold with S16 and S11 and S12 and S13 and S14 and S15 and S16	US-PGPUB; USPAT	ADJ	ON	2006/06/26 15:15
S22	4	nano\$ with gold and ethylene glycol and tiopronin	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:20
S23	8	nano\$ and gold and ethylene glycol and tiopronin not nano\$ with gold	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:23
S24	1	nano\$ and gold and (tetraethylene glycol thiol or diethylene glycol thiol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:32
S25	1	nano\$ and (au or hauc\$ or chlorauric acid) and (tetraethylene glycol thiol or diethylene glycol thiol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:25

## EAST Search History

S27	16	nano\$ and (au or hauc\$ or chlorauric acid or gold) and (tiopronin)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:26
S28	2	tetraethylene glycol thiol or diethylene glycol thiol	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:30
S29	80114	tetraethylene glycol or diethylene glycol	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:30
S30	1163	nano\$ and gold and (tetraethylene glycol or diethylene glycol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:33
S31	150	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) and gold and (tetraethylene glycol or diethylene glycol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:34
S32	65	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) and nano\$ same gold and (tetraethylene glycol or diethylene glycol)	US-PGPUB; USPAT	ADJ	ON	2006/06/26 16:47
S33	6	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) with mono\$1layer and (tetraethylene glycol or diethylene glycol)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:50
S34	1040	short with ethylene glycol	US-PGPUB; USPAT	ADJ	ON	2006/06/27 07:50
S35	3	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) with mono\$1layer and short with ethylene glycol and nano\$ with gold	US-PGPUB; USPAT	ADJ	ON	2006/06/27 07:53
S36	27	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale or nano\$meter) with mono\$1layer and ethylene glycol and nano\$ with gold	US-PGPUB; USPAT	ADJ	ON	2006/06/27 07:53
S37	4	((("6074979") or ("20020034827") or ("20030157260") or ("6521285")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/27 09:30
S38	0	S37 and tiopronin	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:27
S39	3	S37 and ethylene glycol	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:24
S40	576	nano\$ and (HAuCl\$ or chlorauric acid or hydrogen tetrachloroaurate\$ or hydrogen\$tetrachloroaurate\$ or tetra\$chloroauric\$)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:28
S42	242	nano\$ and (HAuCl\$ or chlorauric acid or hydrogen tetrachloroaurate\$ or hydrogen\$tetrachloroaurate\$ or tetra\$chloroauric\$) and reduc\$4 with salt	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:29

## EAST Search History

S43	3	nano\$ and (HAuCl\$ or chlorauric acid or hydrogen tetrachloroaurate\$ or hydrogen\$tetrachloroaurate\$ or tetra\$chloroauric\$) and reduc\$4 with salt and ethylene glycol oligomer	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:29
S44	594	ethylene glycol oligomer	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:29
S45	9	nano\$ and reduc\$4 with salt and ethylene glycol oligomer	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:56
S46	558	nano\$ and (gold or silver or platinum or palladium or iridium or rhodium or osmium or iron or copper or cobalt) and (tiopronin or glutathione or gsh) and \$5ethylene\$5 glycol and reduc\$5 with salt	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:38
S47	20	nano\$ and (gold or silver or platinum or palladium or iridium or rhodium or osmium or iron or copper or cobalt) and (tiopronin or glutathione or gsh) and \$5ethylene\$5 glycol and reduc\$5 with salt not (polyethylene glycol or poly near ethylene)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:39
S48	235	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) same gold and reduc\$5 with salt	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:51
S49	211	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) same gold and reduc\$5 with salt and (bind\$3 or bound or covalent\$2)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:52
S50	197	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) same gold and reduc\$5 with salt and (bind\$3 or bound or covalent\$2) same (dna or peptide or protein or nucleic acid or collagen or nano\$)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:53
S51	157	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) same gold and reduc\$5 with salt and (bind\$3 or bound or covalent\$2) same (dna or peptide or protein or nucleic acid or collagen)	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:53
S53	25	(nano\$1particle or nano\$1crystal or nano\$1size or nano\$1scale) and gold and ethylene glycol oligomer	US-PGPUB; USPAT	ADJ	ON	2006/06/27 10:58